

Converting Colors

$Yxy(58.6095, 0.2643, 0.3269)$

Have a look what the booklet for
Yxy(58.6095, 0.2643, 0.3269)
contains.

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Color

Yxy(58.7502, 0.2647, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	8ED6D7
RGB	142, 214, 215
RGB Percent	56%, 84%, 84%
CMY	0.4430, 0.1608, 0.1569
CMYK	0.34, 0.00, 0.00, 0.16
HSL	181°, 48%, 70%
HSV	181°, 34%, 84%
XYZ	47.4700, 58.7502, 73.1149
YIQ	192.5860, -43.2330, -14.9530

Conversions

Conversions Part 2

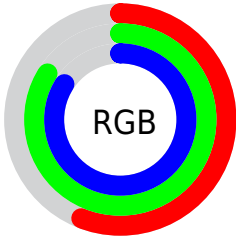
Format	Color
RYB	142, 178, 215
Decimal	9361111
CIELab	81.15, -22.07, -7.63
CIElCh	81, 23.348, 199.075
Yxy	58.7502, 0.2647, 0.3276
Android (android.graphics.Color)	4287551191 (0xFF8ED6D7)
YUV	192.5860, 11.0501, -44.3639
Hunter-Lab	76.6487, -23.5867, -2.9025

Details

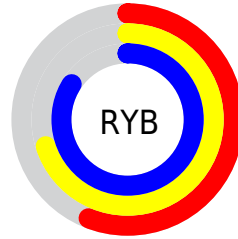
The Yxy color **58.7502, 0.2647, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0494, 0.3917, 0.3305**, and the grayscale version is **53.0309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **29.3606, 0.2526, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **56.8838, 0.2534, 0.3271**, and if you desaturate by 10%, it is **60.9883, 0.2775, 0.3280**.

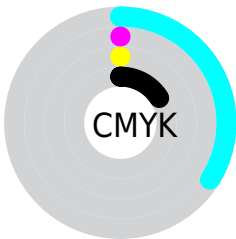
Distribution



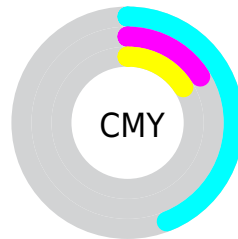
- Red (56%)
- Green (84%)
- Blue (84%)



- Red (56%)
- Yellow (70%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7502, 0.2647, 0.3276 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.7502, 0.2647, 0.3276 by changing the saturation by 10% instead.

 58.7502, 0.2647,
0.3276


 58.7502, 0.2647,
0.3276


419.9756, 0.2875,
0.3287

 42.4121, 0.2594,
0.3272


 103.0145, 0.2727,
0.3281

 29.4241, 0.2527,
0.3267


 131.7095, 0.2758,
0.3282

 19.4019, 0.2442,
0.3260

165.2922, 0.2784,
0.3283

 11.9610, 0.2329,
0.3248

204.1470, 0.2807,
0.3284

 6.7171, 0.2173,
0.3228

248.6584, 0.2827,
0.3285

 3.2858, 0.1943,
0.3189

299.2107, 0.2845,

 1.2827, 0.1543,

0.3286

0.3117

356.1883, 0.2861,
0.3286

0.1278, 0.0000,
0.1596

0.0000, 0.0000,
0.0000

58.7502, 0.2647,
0.3276

58.7502, 0.2647,
0.3276

56.8838, 0.2534,
0.3271

60.9883, 0.2775,
0.3280

55.3608, 0.2438,
0.3267

63.6106, 0.2916,
0.3285

54.1604, 0.2361,
0.3262

66.6374, 0.3066,
0.3289

53.2564, 0.2303,
0.3258

70.0857, 0.3223,
0.3292

■ 52.6184, 0.2264,
0.3253

■ 73.9714, 0.3383,
0.3296

■ 52.2098, 0.2243,
0.3249

■ 75.1424, 0.3424,
0.3299

■ 52.0359, 0.2235,
0.3246

■ 75.2906, 0.3423,
0.3301

■ 75.4391, 0.3423,
0.3304

■ 75.5879, 0.3422,
0.3307

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.7502, 0.2859, 0.3562



58.7502, 0.2647, 0.3276



58.7502, 0.2560, 0.3012

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.7502, 0.2647, 0.3276



58.7502, 0.3082, 0.2865



58.7502, 0.3659, 0.3730

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.7502, 0.2647, 0.3276



36.0494, 0.3917, 0.3305

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.7502, 0.3729, 0.3523



58.7502, 0.2647, 0.3276



58.7502, 0.3387, 0.3037

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.7502, 0.2647, 0.3276



58.7502, 0.2801, 0.2792



58.7502, 0.3629, 0.3273



58.7502, 0.3443, 0.3828

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.7502, 0.2647, 0.3276



58.7502, 0.2581, 0.2885



58.7502, 0.3629, 0.3273



58.7502, 0.3701, 0.3670

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.7525, 0.2647, 0.3276



95.2615, 0.2973, 0.3286



56.3000, 0.3080, 0.4298



20.2580, 0.2952, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.7525, 0.2647, 0.3276



84.3718, 0.2561, 0.3273



42.7036, 0.2585, 0.2799



14.0778, 0.2983, 0.3286



31.1430, 0.2235, 0.3247



1.8878, 0.2237, 0.3254

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.6566, 0.3175, 0.2463



50.3462, 0.3186, 0.2290



48.4426, 0.3771, 0.3734



12.6297, 0.3140, 0.3063



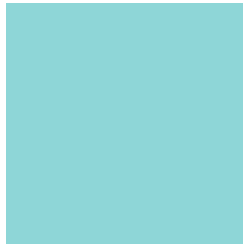
11.4888, 0.3243, 0.1560



0.6939, 0.3237, 0.1557

Previews

White Background



This preview shows how the Yxy color 58.7502, 0.2647, 0.3276 looks on a white background.

Color Contrast Check

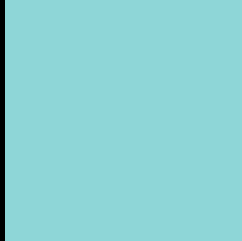
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.7502, 0.2647, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

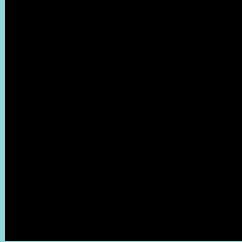
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

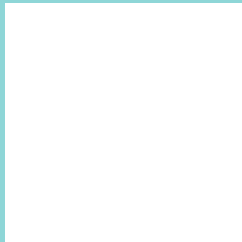
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7502, 0.2647, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 58.7502, 0.2647, 0.3276.

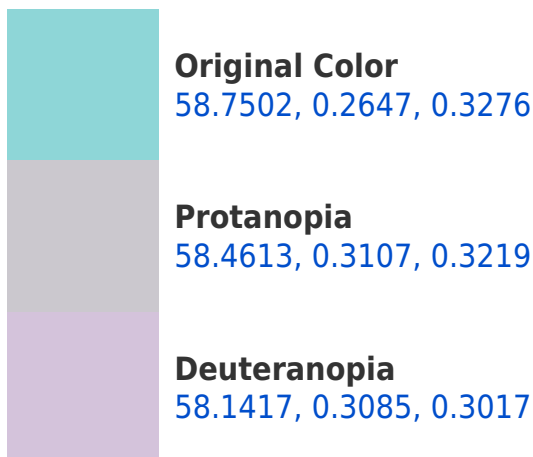


This preview shows how white text looks on a background with the Yxy color 58.7502, 0.2647, 0.3276.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

58.7639, 0.2585, 0.3077

Trichromacy



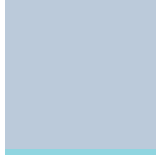
Original Color

58.7502, 0.2647, 0.3276



Protanomaly

58.0898, 0.2923, 0.3241



Deuteranomaly

57.8678, 0.2906, 0.3098



Tritanomaly

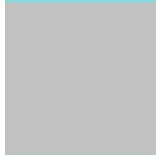
58.8996, 0.2607, 0.3150

Monochromacy



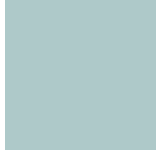
Original Color

58.7502, 0.2647, 0.3276



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

54.9890, 0.2924, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7502, 0.2647, 0.3276 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(142, 214, 215)` looks like.

```
.text, #text, p{  
    color:rgb(142, 214, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(142, 214, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.7502, 0.2647, 0.3276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 214, 215) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(142, 214, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(142, 214, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 215);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7502, 0.2647, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 214, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(142,  
214, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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